## SEQUENCE LISTING

	> Gordon Freeman Vassiliki Boussiotis Tatyana Chernova Nelly Malenkovich														
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aac gc Asn Al															154
ggt ag Gly Se															202
gac ct Asp Le 5	u Ala														250
att ca Ile Gl															298

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gct gca ctt cac Ala Ala Leu Gli 100	n Ile Thr As					
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gat cca gtc acc Asp Pro Val The 145						
ccc aag gcc gaa Pro Lys Ala Glu						
ggt aag acc acc Gly Lys Thr Thi 180	Thr Thr As					
gtg acc agc aca Val Thr Ser Thi 195						
tgc act ttt agg Cys Thr Phe Arg 210		o Pro Glu				
gtc atc cca ggt Val Ile Pro Gly 225						
ctg tcc cct ago Leu Ser Pro Ser		gatg tetgo	ectate at	agtcatto	agtgatt	igtt 833
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aaaaaaaaaa aaaa	a					968

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				acg Thr													154
				att Ile													202
				att Ile													250
Hall Re				gga Gly 70													298
the line and had here				cgg Arg													346
"				aca Thr													394
	_		_	tat Tyr						-	_					-	442
1				tac Tyr													490
				gaa Glu 150												_	538
				atc Ile													586
				acc Thr			_	_			-						634
				aga Arg							_				_		682

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cca gaa cta cct ctg gca cat cct cca aat gaa agg act cac ttg gta Pro Glu Leu Pro Leu Ala His Pro Pro Asn Glu Arg Thr His Leu Val 230 235 240	78
att ctg gga gcc atc tta tta tgc ctt ggt gta gca ctg aca ttc atc  Ile Leu Gly Ala Ile Leu Leu Cys Leu Gly Val Ala Leu Thr Phe Ile  245 250 255	26
ttc cgt tta aga aaa ggg aga atg atg gat gtg aaa aaa	74
caa gat aca aac tca aag aag caa agt gat aca cat ttg gag gag acg Gln Asp Thr Asn Ser Lys Lys Gln Ser Asp Thr His Leu Glu Glu Thr 275 280 285 290	22
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Gly Ser Asn Met Thr Ile Glu Cys Lys Phe Pro Val Glu Lys Gln Leu 40

Asp Leu Ala Ala Leu Ile Val Tyr Trp Glu Met Glu Asp Lys Asn Ile 50

Ile Gln Phe Val His Gly Glu Glu Asp Leu Lys Val Gln His Ser Ser

Tyr Arg Gln Arg Ala Arg Leu Leu Lys Asp Gln Leu Ser Leu Gly Asn

Ala Ala Leu Gln Ile Thr Asp Val Lys Leu Gln Asp Ala Gly Val Tyr

Arg Cys Met Ile Ser Tyr Gly Gly Ala Asp Tyr Lys Arg Ile Thr Val

Lys Val Asn Ala Pro Tyr Asn Lys Ile Asn Gln Arg Ile Leu Val Val

Asp Pro Val Thr Ser Glu His Glu Leu Thr Cys Gln Ala Glu Gly Tyr 145

Pro Lys Ala Glu Val Ile Trp Thr Ser Ser Asp His Gln Val Leu Ser 170

Gly Lys Thr Thr Thr Asn Ser Lys Arg Glu Glu Lys Leu Phe Asn 180 185 190

Val Thr Ser Thr Leu Arg Ile Asn Thr Thr Thr Asn Glu Ile Phe Tyr 200

Cys Thr Phe Arg Arg Leu Asp Pro Glu Glu Asn His Thr Ala Glu Leu 215 220

Val Ile Pro Glu Leu Pro Leu Ala His Pro Pro Asn Glu Arg Thr His 225 230 235

Leu Val Ile Leu Gly Ala Ile Leu Leu Cys Leu Gly Val Ala Leu Thr 250

Phe Ile Phe Arg Leu Arg Lys Gly Arg Met Met Asp Val Lys Lys Cys 260 265

Gly Ile Gln Asp Thr Asn Ser Lys Lys Gln Ser Asp Thr His Leu Glu 280

Glu Thr 290

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EL.
Marie Marie
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    Cys His Leu Leu Arg Ala Phe Thr Ile Thr Ala Pro Lys Asp Leu Tyr
             15
    gtg gtg gag tat ggc agc aac gtc acg atg gag tgc aga ttc cct gta
                                                                        148
    Val Val Glu Tyr Gly Ser Asn Val Thr Met Glu Cys Arg Phe Pro Val
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                              35
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    Glu Arg Glu Leu Asp Leu Leu Ala Leu Val Val Tyr Trp Glu Lys Glu
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									cat His 150							484
									tgg Trp			_	_			532
									act Thr						_	580
					_	-	_		gtc Val		-				_	628
	Phe	Tyr	Cys	Thr	Phe	Trp	Arg	Ser	cag Gln	Pro	Gly					676
									gca Ala 230							724
									atc Ile							772
									aaa Lys							820
									agc Ser							868

aca caa ttc gag gag acg taa gcagtgttga accetctgat cgtcgattgg 919
Thr Gln Phe Glu Glu Thr
285 290

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<213> Mus musculus

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Gly Ser Asn Val Thr Met Glu Cys Arg Phe Pro Val Glu Arg Glu Leu 35 40 45

Asp Leu Leu Ala Leu Val Val Tyr Trp Glu Lys Glu Asp Glu Gln Val 50 60

Ile Gln Phe Val Ala Gly Glu Glu Asp Leu Lys Pro Gln His Ser Asn

65 70 75 80 Phe Arg Gly Arg Ala Ser Leu Pro Lys Asp Gln Leu Leu Lys Gly Asn 90 Ala Ala Leu Gln Ile Thr Asp Val Lys Leu Gln Asp Ala Gly Val Tyr 100 105 Cys Cys Ile Ile Ser Tyr Gly Gly Ala Asp Tyr Lys Arg Ile Thr Leu Lys Val Asn Ala Pro Tyr Arg Lys Ile Asn Gln Arg Ile Ser Val Asp 135 Pro Ala Thr Ser Glu His Glu Leu Ile Cys Gln Ala Glu Gly Tyr Pro 145 150 Glu Ala Glu Val Ile Trp Thr Asn Ser Asp His Gln Pro Val Ser Gly 165 170 Lys Arg Ser Val Thr Thr Ser Arg Thr Glu Gly Met Leu Leu Asn Val 180 185 Thr Ser Ser Leu Arg Val Asn Ala Thr Ala Asn Asp Val Phe Tyr Cys 200 205 Thr Phe Trp Arg Ser Gln Pro Gly Gln Asn His Thr Ala Glu Leu Ile Ile Pro Glu Leu Pro Ala Thr His Pro Pro Gln Asn Arg Thr His Trp 225 230 235 Val Leu Leu Gly Ser Ile Leu Leu Phe Leu Ile Val Val Ser Thr Val 245 250 Leu Leu Phe Leu Arg Lys Gln Val Arg Met Leu Asp Val Glu Lys Cys 265 Gly Val Glu Asp Thr Ser Ser Lys Asn Arg Asn Asp Thr Gln Phe Glu 280 285

Glu Thr 290